

56201, A NOVEL HUMAN SODIUM ION CHANNEL FAMILY MEMBER  
AND USES THEREOF

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Abstract

The invention provides isolated nucleic acids molecules, designated 56201 nucleic acid molecules, which encode novel ion channel members. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing 56201 nucleic acid molecules, host cells into which the expression vectors have been introduced, and  
10 nonhuman transgenic animals in which a 56201 gene has been introduced or disrupted. The invention still further provides isolated 56201 proteins, fusion proteins, antigenic peptides and anti-56201 antibodies. Diagnostic methods utilizing compositions of the invention are also provided.